

COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: PROCESS AND APPARATUS FOR MICROREPLICATION

the specification of which

is attached hereto, or

was filed as United States Application or
 PCT International Application (give
*Express Mail label number and deposit
 date if Application number not yet
 known*):

Application No.: 10/634,104
(Express Mail Label No.)
 Filing Date: August 4, 2003
(Deposit Date)
 Amended on *(if applicable)*:

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations § 1.56(a).

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

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CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e)

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Application No.	Filing Date
60/400,755	August 2, 2002
60/438,194	January 6, 2003



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Name	Registration No.	Name	Registration No.
Arthur B. Moore	29,958	Neil A. DuChez	26,725
John W. Cornell	30,619	William C. Tritt	32,510
Jonathan A. Platt	41,255	Heidi A. Boehlefeld	34,296
Armand P. Boisselle	22,381	Cynthia S. Murphy	33,430
Keith A. Newbury	38,980		

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Cleveland, Ohio 44115

Direct Telephone Calls To:

Name: Jonathan A. Platt
Tel. No: 216/621-1113
Fax No. 216/621-6165

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Full Name of Additional Joint Inventor (if any):		Reza Mehrabi	
Inventor's signature:	<i>Reza Mehrabi</i>	Date:	9/13/03
Residence: (City & State/Country):		Tujunga, California	
Post Office Address:		10517 Haines Canyon Avenue, Tujunga, California 91042	

Full Name of Additional Joint Inventor (if any):		David N. Edwards	
Inventor's signature:	<i>David N. Edwards</i>	Date:	9/13/03
Residence: (City & State/Country):		Arcadia, California/La Canada	
Post Office Address:		Flintridge, California 4311 Oakwood Drive, Arcadia, California 91006 1051 Oxford Way, La Canada-Flintridge, California 91011	

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH

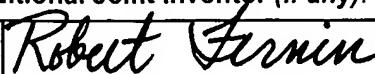
FORM A PART OF THIS DECLARATION

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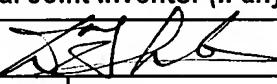
End of Declaration and Power of Attorney (D-US-1.FRM)

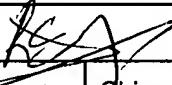
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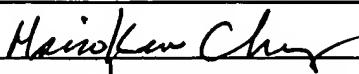
Full Name of Additional Joint Inventor (if any):		Robert J. Fermin	
Inventor's signature:		Date:	
Residence: (City & State/Country):	La Verne, California	Citizenship:	US
Post Office Address:	3833 Williams Avenue, La Verne, California 91750		

Full Name of Additional Joint Inventor (if any):		Ali R. Mehrabi	
Inventor's signature:		Date:	9/15/03
Residence: (City & State/Country):	Los Angeles, California	Citizenship:	Iran
Post Office Address:	1256 West 29th Street Apt. 306, Los Angeles, CA 90007		

Full Name of Additional Joint Inventor (if any):		Chunhwa Wang	
Inventor's signature:		Date:	9/17/03
Residence: (City & State/Country):	Diamond Bar, California	Citizenship:	US
Post Office Address:	1331 South Deep Lawn Drive, Diamond Bar, CA 91765		

Full Name of Additional Joint Inventor (if any):		Rishikash K. Bharadwaj	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Chino Hills, California	Citizenship:	India
Post Office Address:	14949 Camden Avenue, Chino Hills, California 91709 1150 FAIRVIEW #104 CA 91707 ARCADIA		

Full Name of Additional Joint Inventor (if any):		Ronald F. Sieloff	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Chardon, Ohio	Citizenship:	US
Post Office Address:	11430 Gatepost Lane, Chardon, Ohio 44024		

Full Name of Additional Joint Inventor (if any):		Hsiao Ken Chuang	
Inventor's signature:		Date:	9/16/03
Residence: (City & State/Country):	Arcadia, California	Citizenship:	US
Post Office Address:	314 Ellen Way, Arcadia, California 91006		

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Full Name of Additional Joint Inventor (if any):		Dennis I. Couzin	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Evanston, Illinois		Citizenship: US
Post Office Address:	1021 Ashland, Evanston, Illinois 60202		

Full Name of Additional Joint Inventor (if any):		Karen L. Spilzewski	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Euclid, Ohio		Citizenship: US
Post Office Address:	91 Sunnycliff Drive, Euclid, Ohio 44123		

Full Name of Additional Joint Inventor (if any):		William J. Buttermore	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Painesville Township, Ohio		Citizenship: US
Post Office Address:	1976 Marsh Lane, Painesville Township, Ohio 44077		

Full Name of Additional Joint Inventor (if any):		Donald J. Davis	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Conneaut Lake, Pennsylvania		Citizenship: US
Post Office Address:	8407 Stoney Point Road, Conneaut Lake, Pennsylvania 16316		

Full Name of Additional Joint Inventor (if any):		Christopher P. Frank	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Stow, Ohio		Citizenship: US
Post Office Address:	3189 Peterboro Drive, Stow, Ohio 44224		

Full Name of Additional Joint Inventor (if any):		Barbara B. Hyde	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Chardon, Ohio		Citizenship: US
Post Office Address:	11800 Parkwood Drive, Chardon, Ohio 44024		

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Full Name of Additional Joint Inventor (if any):		Michael F. Lang	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Chagrin Falls, Ohio		Citizenship: US
Post Office Address:	601 Doe Court, Chagrin Falls, Ohio 44022		

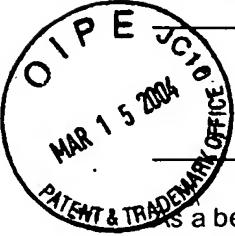
Full Name of Additional Joint Inventor (if any):		Keith A. Lutz	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Lakewood, Ohio		Citizenship: US
Post Office Address:	2067 Lakeland Avenue, Lakewood, Ohio 44107		

Full Name of Additional Joint Inventor (if any):		Austin E. Short	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Mentor, Ohio		Citizenship: US
Post Office Address:	7730 Duckworth Lane, Mentor, Ohio 44060		

Full Name of Additional Joint Inventor (if any):		Mark Wisniewski	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Mentor, Ohio		Citizenship: US
Post Office Address:	7445 Carrington Drive, Mentor, Ohio 44060		

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Full Name of Additional Joint Inventor (if any):		Reza Mehrabi	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Tujunga, California	Citizenship:	US
Post Office Address:	10517 Haines Canyon Avenue, Tujunga, California 91042		

Full Name of Additional Joint Inventor (if any):		David N. Edwards	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Arcadia, California	Citizenship:	Great Britain
Post Office Address:	1311 Oakwood Drive, Arcadia, California 91006		

CHECK FOR ANY OF THE FOLLOWING ADDED PAGES(S) WHICH FORM A PART OF THIS DECLARATION

Signature for third and subsequent joint inventors. Number of pages added 1.
 Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.

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End of Declaration and Power of Attorney (D-US-1.FRM)

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Residence: (City & State/Country):	Los Angeles, California	Citizenship:	Iran
Post Office Address:	1256 West 29th Street Apt. 306, Los Angeles, CA 90007		

Full Name of Additional Joint Inventor (if any):		Chunhwa Wang	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Diamond Bar, California	Citizenship:	US
Post Office Address:	1331 South Deep Lawn Drive, Diamond Bar, CA 91765		

Full Name of Additional Joint Inventor (if any):		Rishikash K. Bharadwaj	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Chino Hills, California	Citizenship:	India
Post Office Address:	14949 Camden Avenue, Chino Hills, California 91709		

Full Name of Additional Joint Inventor (if any):		Ronald F. Sieloff	
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Residence: (City & State/Country):	Chardon, Ohio	Citizenship:	US
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Full Name of Additional Joint Inventor (if any):		Ken Chuang	
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Full Name of Additional Joint Inventor (if any):		Dennis I. Couzin	
Inventor's signature:	<i>Dennis I. Couzin</i>	Date:	12/22/03
Residence: (City & State/Country):	Evanston, Illinois	Citizenship:	US
Post Office Address:	1021 Ashland, Evanston, Illinois 60202		

Full Name of Additional Joint Inventor (if any):		Karen L. Spilzewski	
Inventor's signature:	<i>Karen L. Spilzewski</i>	Date:	12/16/03
Residence: (City & State/Country):	Euclid, Ohio	Citizenship:	US
Post Office Address:	91 Sunnycroft Drive, Euclid, Ohio 44123		

Full Name of Additional Joint Inventor (if any):		William J. Buttermore	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Painesville Township, Ohio	Citizenship:	US
Post Office Address:	1976 Marsh Lane, Painesville Township, Ohio 44077		

Full Name of Additional Joint Inventor (if any):		Donald J. Davis	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Conneaut Lake, Pennsylvania	Citizenship:	US
Post Office Address:	8407 Stoney Point Road, Conneaut Lake, Pennsylvania 16316		

Full Name of Additional Joint Inventor (if any):		Christopher P. Frank	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Stow, Ohio	Citizenship:	US
Post Office Address:	3189 Peterboro Drive, Stow, Ohio 44224		

Full Name of Additional Joint Inventor (if any):		Barbara B. Hyde	
Inventor's signature:	<i>Barbara B. Hyde</i>	Date:	12/17/03
Residence: (City & State/Country):	Chardon, Ohio	Citizenship:	US
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Full Name of Additional Joint Inventor (if any):		Michael F. Lang	
Inventor's signature:	<i>Michael F. Lang</i>	Date:	Dec 16, 2003
Residence: (City & State/Country):	Chagrin Falls, Ohio	Citizenship:	US
Post Office Address:	601 Doe Court, Chagrin Falls, Ohio 44022		

Full Name of Additional Joint Inventor (if any):		Keith A. Lutz	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Lakewood, Ohio	Citizenship:	US
Post Office Address:	2067 Lakeland Avenue, Lakewood, Ohio 44107		

Full Name of Additional Joint Inventor (if any):		Austin E. Short	
Inventor's signature:	<i>Austin Short</i>	Date:	12/16/03
Residence: (City & State/Country):	Mentor, Ohio	Citizenship:	US
Post Office Address:	7730 Duckworth Lane, Mentor, Ohio 44060		

Full Name of Additional Joint Inventor (if any):		Mark Wisniewski	
Inventor's signature:	<i>Mark Wisniewski</i>	Date:	Dec. 16, 2003
Residence: (City & State/Country):	Mentor, Ohio	Citizenship:	US
Post Office Address:	7445 Carrington Drive, Mentor, Ohio 44060		

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Attorney Docket No. AVERP3308USA

PATENT (US)

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Full Name of Additional Joint Inventor (if any):		Reza Mehrabi	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Tujunga, California	Citizenship:	US
Post Office Address:	10517 Haines Canyon Avenue, Tujunga, California 91042		

Full Name of Additional Joint Inventor (if any):		David N. Edwards	
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Residence: (City & State/Country):	La Verne, California		Citizenship: US
Post Office Address:	3833 Williams Avenue, La Verne, California 91750		

Full Name of Additional Joint Inventor (if any):		Ali R. Mehrabi	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Los Angeles, California		Citizenship: Iran
Post Office Address:	1256 West 29th Street Apt. 306, Los Angeles, CA 90007		

Full Name of Additional Joint Inventor (if any):		Chunhwa Wang	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Diamond Bar, California		Citizenship: US
Post Office Address:	1331 South Deep Lawn Drive, Diamond Bar, CA 91765		

Full Name of Additional Joint Inventor (if any):		Rishikash K. Bharadwaj	
Inventor's signature:	Date:		
Residence: (City & State/Country):	Chino Hills, California		Citizenship: India
Post Office Address:	14949 Camden Avenue, Chino Hills, California 91709		

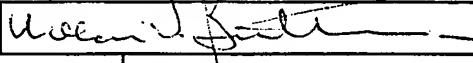
Full Name of Additional Joint Inventor (if any):		Ronald F. Sieloff	
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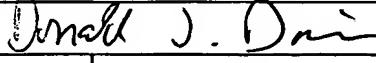
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Post Office Address:	1021 Ashland, Evanston, Illinois 60202		

Full Name of Additional Joint Inventor (if any):		Karen L. Spilzewski	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Euclid, Ohio	Citizenship:	US
Post Office Address:	91 Sunnyciff Drive, Euclid, Ohio 44123		

Full Name of Additional Joint Inventor (if any):		William J. Buttermore	
Inventor's signature:		Date:	2/5/04
Residence: (City & State/Country):	Painesville Township, Ohio	Citizenship:	US
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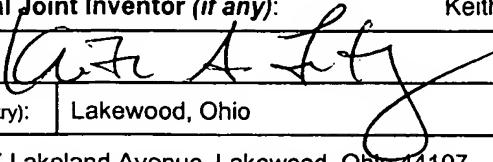
Full Name of Additional Joint Inventor (if any):		Donald J. Davis	
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Full Name of Additional Joint Inventor (if any):		Barbara B. Hyde	
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**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS**

Full Name of Additional Joint Inventor (if any):		Michael F. Lang	
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Full Name of Additional Joint Inventor (if any):		Mark Wisniewski	
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COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: PROCESS AND APPARATUS FOR MICROREPLICATION

the specification of which

is attached hereto, or

was filed as United States Application or
 PCT International Application (give
*Express Mail label number and deposit
 date if Application number not yet
 known:*)

Application No.: 10/634,104
(Express Mail Label No.)
 Filing Date: August 4, 2003
(Deposit Date)
 Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations § 1.56(a).

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application No.	Filing Date	Patent Number

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e)

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) that is/are listed below

Application No.	Filing Date
60/400,755	August 2, 2002
60/438,194	January 6, 2003



POWER OF ATTORNEY

a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Name	Registration No.	Name	Registration No.
Arthur B. Moore	29,958	Neil A. DuChez	26,725
John W. Cornell	30,619	William C. Tritt	32,510
Jonathan A. Platt	41,255	Heidi A. Boehlefeld	34,296
Armand P. Boisselle	22,381	Cynthia S. Murphy	33,430
Keith A. Newbury	38,980		

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full Name of Additional Joint Inventor (if any):		Reza Mehrabi	
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CHECK FOR ANY OF THE FOLLOWING ADDED PAGES(S) WHICH
FORM A PART OF THIS DECLARATION

Signature for third and subsequent joint inventors. Number of pages added 1.
 Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
 This declaration ends with this page.

End of Declaration and Power of Attorney (D-US-1.FRM)

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**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS**

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Full Name of Additional Joint Inventor (if any):		Donald J. Davis	
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Full Name of Additional Joint Inventor (if any):		Christopher P. Frank	
Inventor's signature:	<i>Christopher P. Frank</i>	Date:	3/8/2004
Residence: (City & State/Country):	Stow, Ohio	Citizenship:	US
Post Office Address:	3189 Peterboro Drive, Stow, Ohio 44224		

Full Name of Additional Joint Inventor (if any):		Barbara B. Hyde	
Inventor's signature:		Date:	
Residence: (City & State/Country):	Chardon, Ohio	Citizenship:	US
Post Office Address:	11800 Parkwood Drive, Chardon, Ohio 44024		

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FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS**

Full Name of Additional Joint Inventor (if any):		Michael F. Lang	
Inventor's signature:		Date:	
Residence: (City & State/Country):		Chagrin Falls, Ohio	
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Full Name of Additional Joint Inventor (if any):		Keith A. Lutz	
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Residence: (City & State/Country):		Lakewood, Ohio	
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Full Name of Additional Joint Inventor (if any):		Austin E. Short	
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Post Office Address:		7730 Duckworth Lane, Mentor, Ohio 44060	

Full Name of Additional Joint Inventor (if any):		Mark Wisniewski	
Inventor's signature:		Date:	
Residence: (City & State/Country):		Mentor, Ohio	
Post Office Address:		7445 Carrington Drive, Mentor, Ohio 44060	

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